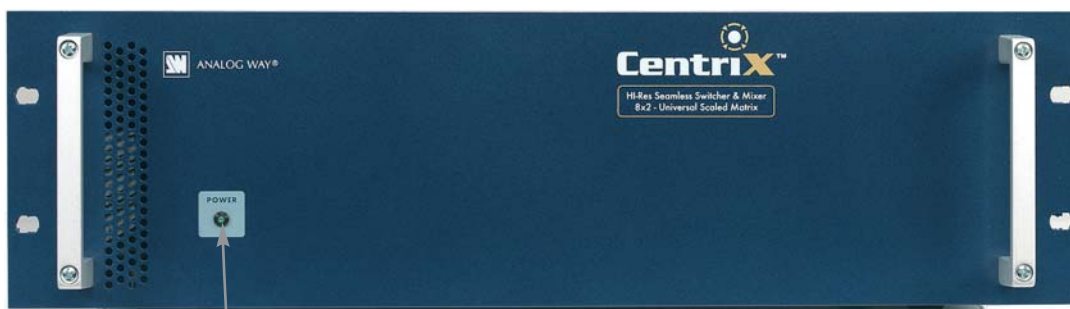


CentriX™

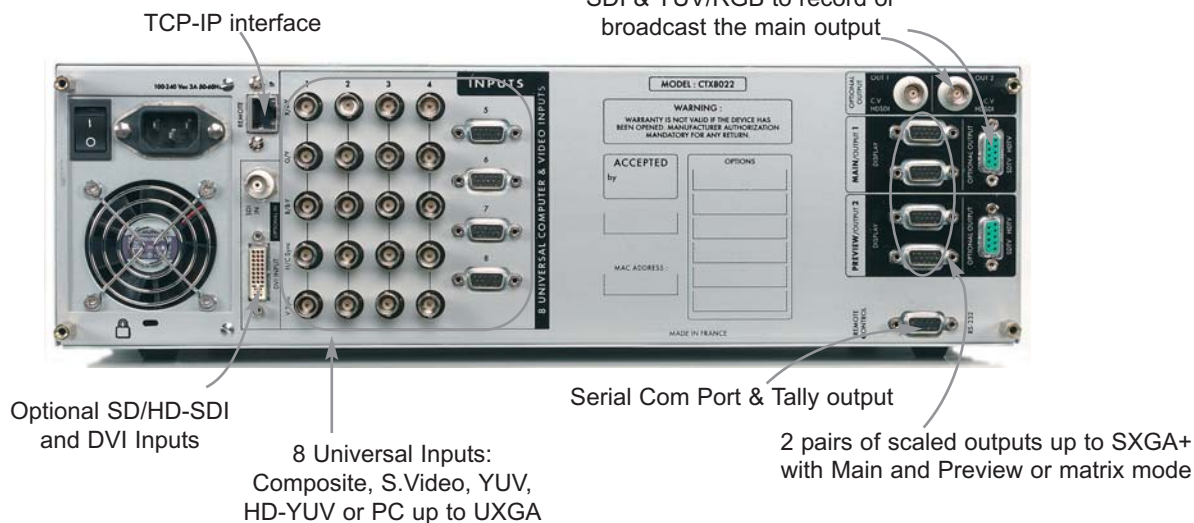
Hi-Res Computer and Video Seamless Switcher

Model. CTX8022



Voyant de mise sous tension

Optional: Composite, S.Video, SDI & YUV/RGB to record or broadcast the main output



2 Operation Modes

- Mixer Seamless Switcher with Main & Preview
- 8 x 2 Hi-Res. Scaled Native Matrix

8 Universal Inputs

- Composite, S.Video, YUV, RGB, HDTV
- Computer: up to UXGA
- Optional DVI & SD/HD-SDI

Outputs

- 2 x Scaled up to 1400 x 1050 (SXGA+ & D-ILA),
- Optional TV: SDI, YUV, Y/C, CV

Effects

- Fading, Titling, Mixing, PIP, Cut (Seamless Switching)
- Hi-Res. Logo Inserter & Frame Store
- Logo(s) from Computer and Video Sources



ANALOG WAY®

www.analogway.com

P/N: CTX8022/VA1107

High Resolution Mixers and Seamless Switchers

Technical Specifications

8 Universal Inputs

- **Composite Video:** NTSC = 15.735 kHz/60 Hz, PAL/SECAM = 15.625 kHz/50Hz
- **S.Video (Y/C):** NTSC = 15.735 kHz/60 Hz PAL/SECAM = 15.625 kHz/50Hz
- **Component (YUV):** 15.625 kHz/50 Hz 625L, 15.735 kHz/60 Hz - 525L
- **RGB/S (TTL or 0.3V analog), RGsB (SOG: 0.3V analog), 15.625 kHz/50 Hz - 625L 15.735 kHz/60 Hz - 525L**
- **Computer (RGB HV, RGB/S et RGsB):** PC, Mac, wkst., automatic sync. & centering, res. from 640x480 to 1600x1200 (up to 110kHz)
- **HDTV:** Component (HD YUV 3 Level Sync.) 1080i/60Hz, 720p/60Hz, 480p/60Hz
- **Options:**
 - SD/HD-SDI – 4:2:2 (10 bits)
 - DVI-D up to UXGA

Display Outputs

- 2 x MAIN / Out 1
- 2 x PREVIEW / Out 2
- RGB HV, RGB/S or RGsB (H&V separated, Composite sync. or SOG)
- RGB = 0.7V p/p (75 Ohms load)
- Output res.:
 - PC 4/3:** SVGA, XGA, SXGA, SXGA+, D-ILA,
 - PC 16/9:** 16/9, 852x480, 1365x768, 720p, 480p
- **Options:**
 - SDTV (15kHz): SDI Component, S.Video, Composite NTSC/PAL

Audio Inputs and Outputs

Optional, see Inputs/outputs of the NatIX

User Controls

- Full control by additional remote keypad or provided software

Logos and Frame Stores

- 8 logos & 2 frame stores, up to SXGA, 16 million colors
- Non-volatile memory
- Flash capture of Video or Computer sources
- 256 steps keying threshold control
- Settable H&V logo position
- 2 logos allocated by input

Effects: Cut, PIP, fade, title, mix

Input Connectors

- Input 1 to 4: on 5 x BNC
- Input 4 to 8: on HD 15F
- DVI-I + BNC: CTX8022-HD only

Output Connectors

- MAIN / OUT 1: 2 x HD15F
- PREVIEW / OUT 2: 2 x HD15F

Other

- RS 232 Serial com port for remote control and update and Tally
- RJ 45 for TCP/IP

Power Supply

- Internal, universal, automatic, 100-250 VAC; 50/60 Hz (130 W) (UL, CSA, GS, CE)
- ON/OFF AC Main switch

Supplied with

- 1 x AC power cable
- 1 x Remote control software
- 1 x User manual

Dimensions - 19", 3U

- D 16.5" x W 19" x H 5.25"
- D 420 mm x W 480 mm x H 133 mm

Weight

7.5 kg / 16.5 lbs (no option)

Warranty

3 year warranty on parts and labor back to factory

Specifications subject to change without prior notice

CentriX™ by Analog Way is an 8 Universal Input Computer & Video Up/Down Mixer Scaler Switcher featuring numerous effects (cut, fade, PIP, title, mix) together with hi-res. logo insertion and frame store functions. Fitted with 8 universal inputs, it can be used as an 8 x 2 scaled matrix as well as a mixer.

Native Matrix Mode

CentriX, when used as a hi-res. matrix, allows to switch any of the 8 inputs to one of the 2 outputs. The inputs are scaled and can be displayed with different resolutions on output 1 and 2.

Mixer Mode

CentriX scales all sources – Video and Computer – and performs mixing and seamless switching transitions between any 2 inputs. It also performs various effects (PIP, fade, title, mix, cut). The 2 Main outputs match the native resolution of any video-projector or hi-res. display devices, and the Preview outputs allow to monitor the sequences before they are displayed on the main screens, avoiding errors during a presentation.

CentriX features the following effects: **PIP, Fade, and Title.**

To Control CentriX

- **Remote Control Software** (supplied)
- **Axion:** High End event Remote Console
- **TripliX:** Event Remote Console
- **RK8022-T:** Keypad with or without T-bar



Axion



TripliX



RK8022-T

Common Features in Matrix and Mixer Modes

CentriX provides a high quality image thanks to its integrated digital decoder, improved 3:2 and 2:2 pull down circuitry, auto-adaptative pixel by pixel 3D motion compensation, Time Base Corrector, Frame Rate Converter & Follower. Each input image control can be individually set and stored in non-volatile memory.

Logo Insertion and Frame Stores

True hi-res. 16 million color image defined either by keying or image cut-out: The frame store and logo(s) can be flashcaptured from any video or computer sources into a non-volatile memory. Up to 2 logos can be allocated by input and positioned anywhere on the screen. The frame store can be used as a welcome or transition image while switching between 2 sources.

CentriX is specifically designed with a blank front panel for hi-res. A/V presentation displays, conference room installations, boardrooms and exhibition centers. It offers a user-friendly interface and can be easily controlled remotely & upgraded via its RS232 or TCP/IP ports, or using the optional remote keypad. The result is dynamic, glitchfree and astonishing.

References

- **CTX8022:** CentriX™
- **CTX8022-HD:** Same as above with DVI and SD/HD-SDI inputs
- **ARC100:** Axion™**
- **TRC8022:** TripliX™**
- **RK8022:** Remote keypad*
- **RK8022-T:** Remote keypad with T-Bar*

* sold separately

Options

- **CBD-UP:** Cross Blender
- **SWM-OE:** Show Manager Open Edition
- **OPT-SDTV-iX-D1:** SDTV, S.Video, SDI output & YUV/RGB for Main output
- **OPT-A:** Audio card for iX family

Cables for CentriX

- > BNC Cables from 1.8m/6ft to 20m/66ft
- > VGA Cables from 0.4mm/6ft to 1.8m/6ft
- > VGA/BNC Adapter Cables in 1.8m/6ft and 3m/10ft
- > Remote Cables from 0.5m/1ft to 30m/100ft
- > BNC HD-SDI Cables M/M from 3m/10ft to 30m/100ft
- > DVI Cables from 1.8m/3ft to **70m/230ft**

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